AMENDMENT UNDER 37 C.F.R. § 1.114(c)
U.S. Application No. 09/376,880
Attorney Docket No. A8135 / ST9-98-116

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the

application:

LISTING OF CLAIMS:

1. (currently amended): A method of accessing data at a server computer from a client

computer connected to the server computer via a network, the data being stored on a data storage

device connected to the server computer, the method comprising the steps of:

at the server computer,

receiving, at the server computer, a request for data from the client computer;

retrieving, at the server computer, the requested data from the data storage device in

response to the request for data from the client computer;

after retrieving the requested data from the data storage device, determining, at the server

computer, whether the client computer can access the retrieved data in its stored retrieved form;

when if it is determined that the client computer cannot access the retrieved data in its

stored retrieved form, automatically converting, at the server, the retrieved data into a form

converted data that the client computer can access; and

returning a locator to the client computer for locating the converted data.

2. (currently amended): The method of claim 1, wherein the step of receiving a request for

data from the client computer further comprises the step of receiving a URL command from the

client computer.

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3.   (currently amended): The method of claim 2, wherein the URL command specifies a file

identifier for identifying a file containing the requested data and a file format for the file, and

wherein the client computer can access the file having the file format.

4.   (currently amended): The method of claim 3, further comprising, before the step of

retrieving the file containing the requested data, further comprising the step of determining

whether the file identifier is valid.

5.   (currently amended): The method of claim 4, wherein the step of determining whether the

client computer can access the retrieved data in its retrieved form further comprises the step of

comparing the file format specified by the URL command to a file extension of the stored

retrieved file.

6.   (currently amended): The method of claim 5, wherein the step of automatically

converting the retrieved data into converted data that the client computer can access further

comprises the step of converting the retrieved file to the file format specified by the URL

command.

7.   (currently amended): The method of claim 1, further comprising the steps of:

storing the converted data at the server computer; and

generating a path name to locate the stored converted data.

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8.   (original): The method of claim 7, wherein the locator comprises the path name.

9.   (currently amended): The method of claim 7, wherein the client computer has a Web browser, and further comprising the step of, under control of the Web browser, retrieving the stored converted data from the server computer using the generated path name.

10.   (currently amended): An apparatus for accessing data from a server computer, comprising:

a server computer having a data storage device connected thereto, wherein the data storage device stores data;

a client computer connected to the server computer; and

one or more computer programs, performed by the server computer via a network, for receiving a request for data from the client computer,; retrieving the requested data from the data storage device in response to the request for data from the client computer; after retrieving the requested data from the data storage device, determining whether the client computer can access the retrieved data in its stored-retrieved form,; when-if it is determined that the client computer cannot access the retrieved data in its stored-retrieved form, automatically converting the retrieved data into a-form-converted data that the client computer can access,; and returning a locator to the client computer for locating the converted data.

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11.   (currently amended): The apparatus of claim 10, wherein the ~~means~~ program for

receiving a request _for data from the client computer_ further comprises means for receiving a

URL command _from_ the client computer.

12.   (currently amended): The apparatus of claim 11, wherein the URL command specifies a

file identifier for _identifying_ a file containing the _requested_ data and a file format for the file, _and_

wherein the client computer can access the file having the file format.

13.   (currently amended): The apparatus of claim 12, further comprising means for

determining whether the file identifier is valid _before the file containing the requested data is_

retrieved.

14.   (currently amended): The apparatus of claim 13, wherein the ~~means~~ program for

determining _whether the client computer can access the retrieved data in its retrieved form_

further comprises means for comparing the file format specified by the URL command to a file

extension of the _retrieved_ file.

15.   (currently amended): The apparatus of claim 14, wherein the ~~means~~ program for

automatically converting _the retrieved data into converted data that the client computer can_

access further comprises means for converting the retrieved file to the file format specified by

the URL command.

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16.   (currently amended): The apparatus of claim 10, further comprising:

means for storing the converted data at the server computer; and

means for generating a path name to locate the stored converted data.

17.   (original): The apparatus of claim 16, wherein the locator comprises the path name.

18.   (currently amended): The apparatus of claim 17, wherein the client computer has a Web browser, and further comprising means for, under control of the Web browser, retrieving the stored converted data from the server computer using the locator.

19.   (currently amended): An article of manufacture comprising a computer program carrier readable by a client computer and tangibly embodying one or more instructions executable by the client computer to perform method steps for accessing data at a server computer from a client computer connected to the server computer via a network, the data being stored in a data storage device connected to the server computer, the method comprising the steps of:

at the server computer;

receiving, at the server computer, a request for data from the client computer;

retrieving, at the server computer, the requested data from the data storage device in response to the request for data from the client computer;

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after retrieving the requested data from the data storage device, determining, at the server

computer, whether the client computer can access the retrieved data in its stored retrieved form;

when if it is determined that the client computer cannot access the retrieved data in its

stored retrieved form, automatically converting, at the server, the retrieved data into a form

converted data that the client computer can access; and

returning a locator to the client computer for locating the converted data.

20.   (currently amended): The article of manufacture of claim 1, wherein the step of receiving

a request for data from the client computer further comprises the step of receiving a URL

command from the client computer.

21.   (currently amended): The article of manufacture of claim 20, wherein the URL command

specifies a file identifier for identifying a file containing the requested data and a file format for

the file, and

wherein the client computer can access the file having the file format.

22.   (currently amended): The article of manufacture of claim 21, further comprising, before

the step of retrieving the file containing the requested data, further comprising the step of

determining whether the file identifier is valid.

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23.   (currently amended): The article of manufacture of claim 22, wherein the step of

determining whether the client computer can access the retrieved data in its retrieved form

further comprises the step of comparing the file format specified by the URL command to a file

extension of the stored retrieved file.

24.   (currently amended): The article of manufacture of claim 23, wherein the step of

converting the retrieved data into converted data that the client computer can access further

comprises the step of converting the retrieved file to the file format specified by the URL

command.

25.   (currently amended): The article of manufacture of claim 19, further comprising the steps

of:

       storing the converted data at the server computer; and

       generating a path name to locate the stored converted data.

26.   (original): The article of manufacture of claim 25, wherein the locator comprises the path

name.

27.   (currently amended): The article of manufacture of claim 26, wherein the client computer

has a Web browser, and further comprising the step of, under control of the Web browser,

retrieving the stored converted data from the server computer using the locator.

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28.   (previously presented): The method of claim 7, further comprising the step of deleting the stored converted data after a predetermined period of time.

29.   (previously presented): The apparatus of claim 16, further comprising means for deleting the stored converted data after a predetermined period of time.

30.   (previously presented): The article of manufacture of claim 25, further comprising the step of deleting the stored converted data after a predetermined period of time.

31.   (currently amended): The method of ~~claim 8~~ claim 1, wherein the client computer has a Web browser, and further comprising the step of, under control of the Web browser, retrieving the converted data from the server computer using the locator.

32.   (currently amended): The apparatus of ~~claim 16~~ claim 10, wherein the client computer has a Web browser, and further comprising the step of, under control of the Web browser, retrieving the converted data from the server computer using the generated path name.

33.   (currently amended): The article of manufacture of ~~claim 25~~ claim 19, wherein the client computer has a Web browser, and further comprising the step of, under control of the Web browser, retrieving the converted data from the server computer using the generated path name.

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